

Patent Abstracts of Japan

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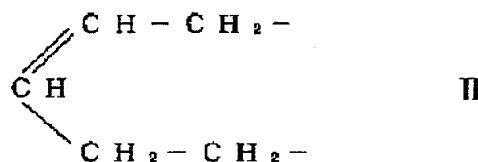
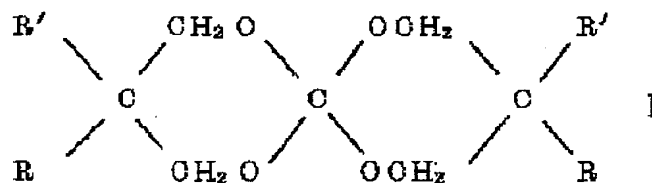
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APPLICANT : TOAGOSEI CHEM IND CO LTD;

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TITLE : SPIROORTHOCARBONATE
COMPOUND



ABSTRACT : PURPOSE: To obtain the subject new compound, having a small volume change in curing, a low melting point, good in compatibility with general-purpose resins, excellent in operating efficiency, etc., having a higher refractive index than that of conventional transparent resin materials and capable of providing polymers useful as plastic lenses.

CONSTITUTION: 8,10,19,20-Tetraoxatrispiro[5.2.2.5.2.2]heneicosane-2,14-diene expressed by formula I (R and R' are bivalent group, expressed by formula II and formed by integrating both R and R'). The compound expressed by formula is obtained by carrying out ester interchange reaction of cyclohexenedimethanol with derivatives of tetramethyl orthocarbonate, 1,4,6,9- tetraoxaspiro[4,4] nonane, etc.

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